

SOKAC, B.; NIKLER, L.; SUSNJARA, A.; IVANOVIC, A.

Stratigraphic aspects of "Klimentakalk". Bul sc Youg 9 no.1/2:
8 F-Ap '64.

1. Institute of Geologic Research, Zagreb.

NIKLER, L.; SOKAC, D.; IVANOVIC, A.

Microfossil associations of the Jurassic and Cretaceous of
Southern Velebit. Bul se Young 9 no.3:67-68 Je '64.

1. Institute of Geologic Research, Zagreb.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619230012-7

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619230012-7"

SLAVKOVIC, Jovan; KONECNI, Josip; IVANOVIC, Dragan; VUJICIC, Miomir

Clinical particularities of pulmonary embolism. Srpski arh.
celok. lek. 84 no.10:1145-1154 Oct 56.

1. I Interna klinika Medic. fakulteta u Beogradu. Upravnik:
prof. dr. Branislav Stanojevic.

(PULMONARY EMBOLISM AND THROMBOSIS, case reports
(Ser))

PASTRAKULJIC, Nadezhda; IVANOVIC, Dragan

Mitral valvulotomy in multivalvular sequelae of rheumatic heart disease. Srpski arh. celok. lek. 93 no.2:167-177 F ' 65.

1. Interna klinika A Medicinskog fakulteta Univerziteta u Beogradu (Upravnik: prof. dr. Branislav Stanojevic).

IVANOVIC, D.

Meeting of the Cattle Breeding Section of Government-Owned Agricultural Properties. p. 54.
POLJOPRIVREDA, Peograd, Vol. ., no. 11, Nov. 1954.

SO: Monthly List of East European Accessions, (SEAL), LC, Vol. 4, no. 10, Oct. 1955,
Uncl.

IVANOVIC, D.

IVANOVIC, D. Some experiences in improving milk production; results achieved at the
Pratstvo-Jedinstvo State Agricultural Corporation in Eceaj. p. 45.

Vol. 4, No. 5, May 1956.

PCI-JOPRIVEDA

AGRICULTURE

Belograd, Yugoslavia

So: East European Accession, Vol. 6, No. 2, February 1957

IVANOVIC, D.

Rewarding workers in cattle breeding on agricultural farms.

p. 8 (Poljoprivreda. Vol. 4, no. 6, June 1956. Beograd, Yugoslavia)

Monthly Index of East European Accessions (MEAI) IC. Vol. 7, no. 2,
February 1958

IVANKOVIC, D.

Is stockbreeding profitable? p. 22.

POLJOPRIVREDA. (Društvo poljoprivrednih inženjera i tehničara Srbije)
Beograd, Yugoslavia
Vol. 6, no. 6/7, June/July 1958

Monthly list of Eastern European Accession Index (EAI) 10 vol. II, No. 11
November 1959
Encl.

VRCELI, Stefanijs; IVANOVIĆ, Dragan

Pulmonary edema in acute glomerulonephritis. Srpski arh. celok.
lek. 92 no.2:133-141. Feb 4.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu (Upravnik: prof. dr. Branislav Stanojević).

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619230012-7

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619230012-7"

IVANOV, I.; RUSKOV, I.; LILJANOV, I.

"Optimal ratio of fuel and the reactor in a power plant and its structure";
(Vestnik, Vol. 5, No. 1/2, 1953, Belograd, Yugoslavia);

SC: Monthly List of East European Acquisitions, (Leningrad, 1953, Vol. 4, No. 4,
Apr 1953, Uncl.

YUGOSLAVIA/Theoretical Physics - Quantum Mechanics.

B

Abs Jour : Ref Zhur Fizika, No 1, 1960, 188

Author : Ivanovic, Dragisa M.

Inst :

Title : Solution of the Problem of Penetration Through Potential Barriers with the Aid of a Certain New Quantity, Which Can be Called the de Broglie Impedance

Orig Pub : Publ. Elektrotehn. fak. Univ, Beogradu. Mat. i fiz., 1958, No 17, 6s., 1l.

Abstract : A new physical constant, $X = \mu_0 v$, which is called the de Broglie impedance, is introduced (v -- velocity of the particle, μ_0 -- magnetic permeability of the medium). This quantity is analogous to the electromagnetic impedance $Z_0 = \sqrt{\mu_0 / \epsilon_0}$ in the case of propagation of electromagnetic waves (ϵ_0 -- dielectric constant), or the acoustic impedance $Z = \rho c$ in the case of propagation of sound waves (ρ -- density of the

Card 1/2

- 5 -

YUGOSLAVIA/Theoretical Physics - Quantum Mechanics.

B

Abs Jour : Ref Zhur Fizika, No 1, 1960, 188

medium, c -- velocity of sound). The solution of the problem of penetration through a potential barrier upon going from one medium to another reduces to the substitution of de Broglie impedance in known formulas for the reflection and transmission of light (or sound) instead of the electromagnetic (or acoustic) impedance. -- G.Ye. Pustovalov

Card 2/2

IVANOVIC, Dragoslav

Hand-shoulder syndrome in pericarditis. Srpski arh. celok.
lek. 91 no.10:975-979 0'63.

1. Interna klinika A Medicinskog fakulteta Univerziteta u
Beogradu. Upravnik: prof. dr. Branislav Stanojevic.

S

CSISZAR, K.; IVANOVICS, G.

Transduction in *Bacillus subtilis*. *Acta mikrobiol. acad. sci.*
Hung. 12 no.1:73-89 '65.

1. Institute of Microbiology (Director: G. Ivanovics), University Medical School, Szeged.

VASIC, K.; IVANOVIĆ, Jelisaveta; MAKSIMOVIC, M.; STANIC, Vlanta; DORDEVIC, M.

Morphogenetic differentiations, and oxygen consumption during the embryonal development of *Lymantria dispar* L. Arh biol nauka 13 no.3/4: 181-197 '61.

1. Bioloski institut, Beograd.

*

SPUZIC, V.; IVANOVIC, K.

The relation between allergy and age. Med. pregl., Novi Sad
8 no.4:204-209 1955.

1. Ambulanta za alergijske bolesti III Interne Klinike Medicinskog
fakulteta Beograd. Upravnik: prof. dr. A. Dadosavljevic.
Dermatoveneroloska klinika Medicinskog fakulteta Beograd. Upravnik:
prof. dr. S. Ilic.

(ALLERGY,

relation to age. (Ser))

(AGE

relation to allergy (Ser))

IVANOVIC, Kosara.

Treatment of the most common skin diseases in children. Med. glasn.
9 no.11-22:441-443 Nov-Dec 55

1. Dermatoveneroloska klinika Medicinskog fakulteta u Beogradu
Upravnik; Sima Ilic.
(SKIN, dis.
common in child., ther. (Ser))

IVANKOVIĆ, M.

A two-tube receiver which can be transformed into a three-tube one. p. 297
(Radioamator, Vol. 10, no. 11, Nov. 1956. Beograd, Yugoslavia)

So: Monthly List of East European Accessions (SEAL) LC, Vol. 6, No. 7.
July 1957. Uncl.

IVANOVIC, K.

Do-it-yourself Philips miniature transformers. p. 325. Table of contents for 1947-56.

(Radioamater, Vol. 10, no. 12, Dec. 1956. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (L&L) LG, Vol. 6, No. 7, July 1957, Uncl.

IVANOVIC, K.

A two-tube receiver converted into a three-tube receiver. II. The three-tube super receiver. n. 43.

(Radioamater, Vol. 11, no. 2, Feb. 1957. Belograd, Yugoslavia)

See: Monthly List of East European Acquisitions (LEAL) LG, Vol. 4, No. 2, July 1957. Encl.

IVANOV, K.

Factory spools in amateur practice. o. 146.
(Radionamater, Vol. 11, no. 2, Feb. 1957. Beograd, Yugoslavia)

SO: Monthly List of East European Accessions (SEAL) LC, Vol. 6, No. 7,
July 1957. Incl.

IVANOVIC, K.

Philips' intermediate-frequency transformers of the 5730 type. p. 138.

RADIOAMATER. (Savez radioamatera Jugoslavije)
Beograd, Yugoslavia. Vol. 12, no. 5, May 1958.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 3, Aug. 1959.

Uncl.

IVANOVIC. M.

" Plant Hormones and Their Practical Application in Agriculture," p. 30
Vol. 6, no. 1, 1953. (NAUKA I PRINODA) Beograd, Yugoslavia.

SO: Monthly List of East European Accessions, L.C.Vol. 3, No. 4, April 1954

IVANOVIC, M

"Factors in Plant Blooming", p. 264 (NAUKA I PRIRODA) (Vol. 6, No. 6, 1953,
Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, L. C. Vol. 3, No. 4, April 1954

IVANOVIC, M.

"Solving the problem of heavy motor trolleys and the motor traction of dump cars." (p. 101)
ZELEZNICE. (Jugoslovenske zeleznice) Beograd. Vol. 10, no. 3, March 1954

SO: East European Accessions List. Vol. 3, no. 8, August 1954

IVANOVIC, M.

"Repair and maintenance of Yugoslav railroads today and in the future."

p. 41 (Zeleznice) Vol. 14, no. 1, Jan. 1958
Belgrade, Yugoslavia

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, no. 4,
April 1958

BOZOVIC,B.; SAVICEVIC,M.; DEVECKESKI,M.; JOCIC,V.; KOHUNOVIC,H.;
LOPICIC,Lj.; IVANOVIC,M.

Allergic diseases in two textile industry enterprises. Acta med.
iugosl. 13 no.3:319-324 '59.
(ALLERGY etiol.)
(OCCUPATIONAL DISEASES etiol.)

PUTNIK, Dj., Doc., dr.; MARTINIS, U., dr.; IVANOVIC, M., dr.;
MILOVANCEVIC, R., dr.

Results of long-term treatment of chronic pulmonary tuberculosis with antibacterial drugs; analysis of early results of continuous treatment for 4 to 12 or more months in 141 cases. Tuberkuloza, Beogr. 8 no.2:110-115 Mar-Apr 56.

1. Institut za tuberkulozu NRS (direktor: v. prof. dr. M. Grujic).
(TUBERCULOSIS, PULMONARY, ther.
chemother., early results of long-term ther. (Ser))

IVANOVIC, Mihajlo, Dr.

Paranasal simsitis in children. Med.glasn. 9 no.2-3:74-76 Feb-Mar '55.

1. Otorinolaringoloska klinika Medicinskog fakulteta u Beogradu
(upravnik prof. dr S. Podvinac)
(SINUSITIS, in infant and child,
paranasal)

IVANOVIC, Mihajlo

~~SECRET~~
Labyrinthine vertigo. Srpski arh. celok. lek. 83 no.10:1090-
1099 Oct 55.

1. Otorinolaringoloska klinika Medicinskog fakulteta u Beogradu

Upravnik: prof. dr. Srecko Podvines.

(VERTIGO,

labyrinthine. (Ser))

IVANOVIC, Milun, inz. (Beograd)

Tasks and role of the Union of Engineers and Technicians of Yugoslavia in solving current economic and political problems. Tehnika Jug 17 no.11:2027-2032 N '62.

1. Predsednik Saveza inzenjera i tehnicara Jugoslavije.

AVANOVIC, N.

"Compositions of the water of the Adriatic Sea." p. 119. (Morsko Ribarstvo. Vol. 5, no. 7/8, 1953. Zagreb)

SO: Monthly List of East European Accessions. Vol. 3, no. 3. Library of Congress. March 1954.
Uncl.

IVANOVIC, Niko, dr.

Effect of climate on nephrolithiasis. Med. glasnik. 13 no.10:497-499 0 '59.

1. Interni odjel OPce bolnice u Sibeniku, sef: dr. N. Ivanovic.
(URINARY CALCULI physiol.)
(CLIMATE eff.)

IVANOVIC, Velimir

Economic importance of mineral fertilizers. Kem ind 12 no.5:397-401
My '63.

1. Direktor sektora Poslov. udruzenja "Agrohemija", Beograd.

IVANOVIC, Zoran, ing.

Applied method of foreseeing the behavior of solution gas drive
reservoir in Boka, Vojvodina, Nafta Jug 12 no.7/8:201-207 J1-Ag '61.

1. Naftagas, Novi Sad.

(Yugoslavia—Gas industry)

IVANOVIC, Zoran; BERDON, Laila

Share of the Banat oil fields in the production of petroleum.
Nafta Jug 15 no.7/8:213-219 J1-Ag '64.

1. Naftagas Enterprise, Novi Sad.

OVODOV, Yu. (UAGAJ); IVANKOVICH, A. (UW3DS); GORBUNOV, V. (UAGYC)

Ultrashort radio waves. Radio no.7:17 '64.

(MIRA 18:1)

1. Predsedatel' seksii korotkikh voln i ul'trakorotkikh voln,
Armvir (for Ovodov).

TRUBIN, B.G., prof.; LUR'YE, A.B.; GRIGOR'YEV, S.M.; IVANOVICH, E.M.; MEL'NIKOV, S.V.; ANTIPIN, V.G., kand. tekhn. nauk, retsenzent; VOLKOV, B.G., kand. tekhn. nauk, retsenzent; MULLAYANOV, R.G., kand. tekhn.nauk, retsenzent; OVSYUKOV, V.N., kand. tekhn. nauk, retsenzent; BELYAYEV, A.S., st. nauchnyy sotr., retsenzent; KOZLOVSKIY, Ye.V., inzh., retsenzent; TRAK, E.E., inzh., retsenzent; SIMONOVSKIY, N.Z., red.izd-va; SPERANSKAYA, O.V., tekhn. red.

[Agricultural machines; theory, design, and calculations]
Sel'skokhoziaistvennye mashiny; teoriya, konstruktsiya i raschet.
Pod red. B.G.Turbina. Moskva, Mashgiz, 1963. 575 p.

(MIRA 16:5)

1. Nauchno-issledovatel'skiy institut mekhanizatsii i elektrofikatsii sel'skogo khozyaystva Severo-Zapada (for Antipin, Volkov, Mullayanov, Ovsyukov, Belyayev, Kozlovskiy, Trak).

(Agricultural machinery--Design and construction)

IVANOVICH, I.

Waste-water problem in Sofia, Tr. from the Bulgarian. p. 49. (Voda, Vol. 36, No. 2, Feb 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EBAL) IC, Vol. 6, No. 8, Aug 1957. Uncl.

IVANOVICH, Ivan, inzh.

A purifying plant for the sewage water of the Kremikovtsi Metallurgic Works. Khidrotekh i melior 7 no.4:97-99 '62.

IVANOVICH, Iv., inzh.

Station for the purification of waste water in the Sofia region.
Tekh delo 13 no.429:4 2 Je '62.

IVANOVICH, Ivan, inzh.

Some peculiarities of water economy at the Kremikovskii Metallurgic
Combine. Khidrotekh i melior 7 no.9:283-285 '62.

IVANOVICH, Ivan, inzh.

Legislation on water purity control in the member countries
of the Council for Mutual Economic Assistance. Khidrotekh
i melior 9 no.6:183 '64.

IVANOVICH, K. A., ed.

The education of students in agricultural colleges; a report. Moskva, 1947. 114 p.
(52-15947)

S535.R8M59

1. Agricultural education - Russia. 2. Ivanovich, K. A., ed.

I. ANOVICH, K. A.

Moscow. Agricultural colleges in the USSR Moskva, 1948. 157 p. (45-29431)

3535.R9X6

1. Agricultural education - Russia. 2. Agricultural colleges - Russia. I. Iakushkin, Ivan Viacheslavovich, 1885- ed. II. Ivanovich, K. A.

IVANOVICH, K. A.

Ivanovich, K. A. - "For consolidating the union between the agricultural colleges and production", (Experiences of the Moscow Agricultural Academy imeni Timiryazev), Vestnik vyssh. shkoly, 1949, No. 4, p. 40-42.

SO: U-411, 17 July 53, (Letopis 'Zhurnal 'nykh Statey, No. 20, 1949).

IVANOVICH, K. A.

Agriculture & Plant & Animal Industry

Principles of teaching and education in the Agricultural schools. Moskva, Gos.
izd-vo selkhoz lit-ry, 1951.

9. Monthly List of Russian Accessions, Library of Congress, April 1951²/Uncl.

1. IVANOVICH, K., ^{A.}PROF.
 2. USSR (600).
 4. Agriculture - Study and Teaching
 7. Training masters of Soviet agriculture. Kolkh, proizv. 12 no. 10, 1952
9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

IVANOVICH, K.A.

Osnovy obucheniia i vospitaniia v sel'skokhoziaistvennoi shkole (Bases of instructions and training in agricultural schools). 2-e izd., perer. Moskva, Selkhozgiz, 1953. 302 p.

SO: Monthly List of Russian Accessions, Vol 7, No9, Dec 1954

IVANOVICH, K. A.

6740. Ivanovich, K. A. Dratkiye osnovy metodiki obucheniya
kilkhoznikov na trekhletnikh agrozootekhnicheskikh kursakh. M.,
1954. 24 s. 22 sm. (Glav. upr. s.-kh. propagandy i nauki M.-va
sel'skogo khozyaystva SSSR). 100.000 ekz. Pespl. --(55-2788) p
63 (077)

SO: Knizhnaya Letopis' No. 6, 1955

USSR/General Division. History. Classics. Personalities. A-2

Abs Jour : Ref Zhur-Biologiya, No 3, 1958, 9261

Author : K. A. Ivanovich

Inst : Timiryazev Agricultural Academy

Title : Timiryazev Academy is 90 Years old

Orig Pub : Izv. Timiryazevskoy s-kh, akad., 1955, No 3,
3-24

Abstract : A review of the historical development and
contemporary state of the Timiryazev Agri-
cultural Academy (1865-1955).

Card 1/1

IVANOVICH, K.A., professor, redaktor; KANTOROVICH, A.V., redaktor;
VANYUSHENKO, V., tekhnicheskii redaktor

[Problems in practical laboratory exercises and independent work of students; a collection of papers] Voprosy metodiki laboratorno-prakticheskikh zaniatii i samostoiatel'noi raboty studentov; sbornik dokladov. Pod red. K.A.Ivanovicha. Moskva, 1956. 159 p.

(MIRA 10:2)

1. Moscow. Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.A.Timiryazeva.

(Agriculture--Study and teaching)

Ivanovich, K.A.

IVANOVICH, K.A., prof.

Training teachers for agricultural schools at the Timiriazev Academy
[with summary in English]. Izv. TSKhA no.4:47-50 '57. (MIRA 11:1)

1. Prorektor po uchebnoy rabote Sel'skokhozyaystvennoy akademii
imeni K.A. Timiryazeva.

(Agriculture--Study and teaching)

L. Ivanovich, N. S.

3-9-27/31

AUTHOR: Ivanovich, K.A., Professor, President of the Preparatory Commission for the International Seminar for Students of Agricultural Vuzes.

TITLE: A Conversation on Two Important Agricultural Problems (Razgovor o dvukh vazhnykh problemakh sel'skogo khozyaystva)

PERIODICAL: Vestnik Vysshey Shkoly, 1957, # 9, pp 83-86 (USSR)

ABSTRACT: The author gives a description of the international seminar of agriculture students during the Vith World Youth Festival in Moscow. About 170 persons took part representing 44 countries. Professor Karol Kolbai (President of the Hungarian University of Agriculture), Professor Kurt Oberndorf from the German Democratic Republic, Soviet scientists: Academician N.V. Tsitsin, Professor G.M. Loza and others, were present.

Two problems were dealt with: The increase of grain quantity and quality, and higher agricultural training.

Academician N.V. Tsitsin gave an account of the grain economy in the USSR. A discourse about his experience in the field of hybridization was heard with great interest. Syu-Shu-syun, a delegate from China lectured on agriculture in his country. Other reports were made by: Ye. Sizenko, of the Timiryazev Academy, Diuori, from North Africa, and the Canadian Frank Sudo.

K.O. Ivanovich spoke about agricultural education and practical training. He answered many questions submitted by the audience.

Card 1/2

A Conversation on Two Important Agricultural Problems

3-9-27/31

V. Pungan, a young Rumanian scientist, gave information on the agricultural training in Rumania. There are 7 agricultural vuzes with 17 faculties. The training period comprises 5 - 5½ years. One year of practice is compulsory before entering the vuz. About 80% of the students receive scholarship.

Horatio Fernandez (Goratsio Fernandes) of Argentine and Abd-al-Azim Makhemed from the Sudan informed the audience of training methods in their countries. Representatives from Tunis and Poland took part in the debate. The seminar members spent one day at the Moskva Agricultural Academy imeni K.A. Timiryazev.

AVAILABLE: Library of Congress

Card 2/2

IVANOVICH, KORNELIY AGAFONOVICH

N/5
831.32
.19

Sel'skokhozyaystvennoye obrazovaniye v SSSR Agricultural
education in the USSR Moskva, Gos-Izd-vo "Sovetskaya
Nauka", 1958.

238 p. illus., tables.
Bibliography: p. 235-238

IVANOVICH, K.A.

3-58-4-10/34

AUTHOR: Ivanovich, K.A., Professor

TITLE: Ways of Improving the Teaching Process (Puti sovershenstvovaniya uchebnogo protsesssa) Practical Training Under Actual Conditions (Proizvodstvennoye obucheniye - v real'nyye usloviya)

PERIODICAL: Vestnik Vysshey Shkoly, 1958, # 4, pp 38-41 (USSR)

ABSTRACT: The Moscow Agricultural Academy imeni Timiryazev's training and experimental farms and its scientific research institutions serve as a basis for student practical training. The experimental stations for husbandry, vegetable growing, fruit cultivation, forestry, zootechnics, etc. are situated on the academy game reserve of about 700 hectares. Six training and experimental farms, located in 4 oblasts of the RSFSR, are attached to individual faculties for training and scientific research. They comprize a total of 14,000 hectares. Experimental fields and water basins have been established.

For the subject "Agronomy", 126 weeks have been assigned for theoretical work and 64 weeks for practical training. The practical training is then described. Some deficiencies in this practical training, such as poor organization, are

Card 1/2

3-58-4-10/34

Ways of Improving the Teaching Process. Practical Training Under Actual Conditions

pointed out.

ASSOCIATION: Moskovskaya sel'skokhozyaystvennaya akademiya imeni K.M. Timiryazeva (The Moscow Agricultural Academy imeni K.M. Timiryazev)

AVAILABLE: Library of Congress

Card 2/2

Ivanovich, K.A.

ZINOV'YEV, S.I., kand.ped.nauk

New books on the history of higher education ("Higher education in the U.S.S.R." by A.S. Butiagin, IU.A. Saltanov; "Agricultural education in the U.S.S.R." by K.A. Ivanovich; "Higher education and training of science personnel in the U.S.S.R." by K.T. Galkin. Reviewed by S.I. Zinov'ev). Vest.vys.shkoly 16 no.11: 86-92 N '58. (MIRA 12:1)

(Education, Higher)

(Butiagin, A.S.) (Saltanov, IU.A.) (Ivanovich, K.A.)
(Galkin, K.T.)

IVANOVICH, K.A., prof.

Ways of improving the training of agricultural specialists under
new conditions. Izv.TSKhA no.2:7-14 '59. (MIRA 12:8)

1. Proraktor Timiryazevskoy sel'skokhozyaystvennoy akademii po
uchebnoy rabote.
(Agriculture--Study and teaching)

DURASEVICH, Yuriy Yevgen'yevich; IVANOVICH, K.A., red.; AVERICHEV,
Yu.P., red.; KREYS, I.G., tekhn. red.

[Training of rural electricians] Podgotovka sel'skogo elektro-
montera; iz opyta shkoly pamiati V.I. Lenina v Gorkakh Lenin-
skikh. Pod red. K.A. Ivanovicha. Moskva, Uchpedgiz, 1962.
135 p. (MIRA 16:4)

1. Deystvitel'nyy chlen Akademii pedagogicheskikh nauk RSFSR
(for Ivanovich).

(Electricians--Education and training)

(Rural electrification--Handbooks, manuals, etc.)

IVANOVICH, Leonid Stepanovich; SAYENKO, Konstantin Ivanovich;
MEDVEDEVA, L.V., red.; SHADRINA, N.D., tekhn. red.

[Stories on activists in industrial safety] Rasskazy ob aktivistakh okhrany truda. Moskva, Izd-vo VTsSPS, Profizdat, 1961.
110 p. (MIRA 15:1)

(Industrial hygiene)

IVANOVICH, N.

Class II transmitter. Radio no.11:20-23 N '62. (MIRA 15:12)
(Radio, Shortwave--Transmitters and transmission)

IVANOVICH, O.

Creation of the material and technical basis of communism and
U.S.S.R. trade with socialist countries. Vnesh. torg. 42 no.2:
3-13 '62. (MIRA 15:2)

(Russia--Commerce--Communist countries)

(Communist countries--Commerce--Russia)

IVANOVICH, V.A.

Work organization and technology of geographic atlas binding.
Geod. i kart. no.3:65-68 Mr '57. (MLRA 10:8)
(Atlases) (Bookbinding)

JUVARA, I., Conf.; MUNTANU, R. Dr.; IVANOVICI, F. Dr.

The role of re-establishment of water-electrolyte balance in physiopathology and clinical management of pyloric stenosis. Med. int., Bucur. 9 no.7: 1034-1045 July 57.

(BODY FLUID BALANCE

maintenance in pyloric stenosis)

(PYLORUS, stenosis

maintenance of water-electrolyte balance)

G. IVANOVICI AND L. SCHAPIRA'S Elemente de metrologie

SCIENCE

Periodicals: METROLOGIA APLICATA. Vol. 5, no. 5, Sept./Oct. 1958

G. IVANOVICI AND L. SCHAPIRA'S Elemente de metrologie (Elements of Metrology)
A book review. p. 230.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

IVANOVICI, G., ing.

Metrological terminology proposed by the International Conference
of Measurement Technique, Budapest, November 1958. Metrologia
apl 6 no.2:61-64 Ap-Je '59.

(1)

RUMANIA

BRAUNER, R., Prof; IVANOVICI, G., Dr.

The Medical Clinic at Brincovenesc Hospital (Clinica medicala a Spitalului Brincovenesc), Bucharest. Originally presented 23 Feb 63 at a meeting of the Clinical Laboratory Section of the Bucharest Branch of the U.S.S.M. (For all).

Bucharest, Viata Medicala, No 12, 15 Jun 63, pp 819-826

"The Diagnosis of Atypical Cell Patterns In Pathologic Fluids."

(2)

IVANOVICI, Gh., ing.

From the history of Rumanian metrology: Ioan Ghica. Metrologia
apl 10 no.4:145-147 Ap 1962.

Ivan
JUVARA, I.; IVANOVICI, R.; MUNTEANU, R.; CONSTANTINESCU, C.

Restoration of metabolic balance through a jejunal tube. Med. int.,
Bucur. 10 no.4:555-564 Apr 58.

1. Spitalul "Bernat Andrei", Clinica chirurgicale, Bucuresti.

(BODY FLUID BALANCE

maintenance by admin. of fluids through jejunal tube, comparison
with parenteral method.

BC

7

Serological analysis of antianthrax sera by means of synthetic azoantigens. G. IVANOVIC and V. BAUCKNER (Magyar (rv. Akad. 1939, 39, 469-479).—p-Aminobenzoylglutamic acid, p-aminobenzoyl-DL-aspartic acid, p-aminoglutar- and p-aminoadipic anilide were treated with horse or human serum-protein after diazotiation. The immune serum from rabbits treated with the D-glutamic acid azoprotein of horse serum gave a highly sp. pptn. of azoprotein produced from human serum-protein. Various dilutions of these azoproteins were tested with anthrax immune sera containing capsular antibody. The immune sera irreversibly pptd. the D-glutamic acid azoprotein. No apparent reaction occurred between the immune sera and the azoproteins containing radicals other than D-glutamic acid. A. W. JI.

ASS-SLA METALLURGICAL LITERATURE CLASSIFICATION

2-2

11A

The occurrence of the polypeptide of *D*-glutamic acid in nature. Chemical investigation of the substance of the capsules of the bacillus of anthrax. György Bruckner, Jr., György Ivánovics and Margit Kovács (Szekes, Hungary) *Chem. Pap.* 45, 131-40 (1950). Acid hydrolysis of the capsules of anthrax bacilli yields *D*-glutamic acid in significant amounts. The immune specific substance of these capsules could be sepd. and purified. The same substance can be sepd. much more easily from other spore-forming bacilli of the mesenteric type. As the heavy-metal salts (e.g., the Cu salt) of this substance are insol. in water, pptn. and electrodialysis lead to a rather pure prepn. This substance is amorphous like gelatin, very hygroscopic, sol. in water to a strongly acid soln., has optical activity and contains about 10% total and 0.2-0.5% amino N. The acid hydrolysis of this substance leads to *D*-glutamic acid-HCl. Probably the substance is a high-mol. compd. consisting of *D*-glutamic acid groups and having a polypeptide-like structure. For the prepn. by means of mesenteric bacilli *L*-asparagine and *L*-glutamic acid seem to be the most suitable nitrogen nutrients. As in the proteins of cancerous tumors only glutamic acid is racemized in the highest degree, the occurrence of this acid in other natural compds. has an importance from the points of view of both biochemistry and cancer investigations.

S. S. de Finály

ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION

10

ca

Soluble derivatives of sulfanilamide. György Iványi (Univ. Szeged, Hungary). Magyar Kém. Szak. Közlem. 15, 462-4 (1943).— β -Alanine (2 g.) without Mondel 15, 462-4 (1943).— β -Alanine (2 g.) with p -AcNH $CH_2CH_2SO_2Cl$ (I) gave crystals of β -(N -acetylsulfanilamidopropionic acid (II). The crystals obtained by refluxing Ia in dil. HCl and cooling were dissolved in 10% NaOH and as much 10% HCl added as necessary to give 1.9 g. cryst. β -sulfanilamidopropionic acid (II), with 1 mol. H $_2$ O, m. 117°. Taurine in 10% NaOH was boiled 15 min. with I, giving crystals of 2-sulfanilamidorthanesulfonic acid-HCl (III), m. 200° (decomp.). To β -aminosulphoic acid in 10% NaOH I was added according to a detailed procedure to give crystals of 4'-hydroxy-5'-carboxysulfanilamide (IV), m. 205° (decomp.). II, III, and IV have definite chemotherapeutic effects. II crystallizes from 25% alc. with 1 mol. H $_2$ O and is partially sol. in water, easily sol. in dil. NaOH; III crystallizes from concd. HCl in colorless needles and dissolves easily in water; IV crystallizes from 30% alc. in colorless needles and dissolves easily in dil. NaOH.

latván Pínlly

CA 11C

Bacteriostatic action of various sulfanilamide derivatives. G. Ivanyics-Illy and Miklos Lany, Hungary. *Z. Immunol.* 103, 469-93 (1949). The bacteriostatic action of numerous already described as well as new sulfanilamide deriva. on *Streptococcus hemolyticus* of the Lancefield serological group II was investigated. A so called half-synthetic culture medium consisting of hydrolyzed casein was used since this medium contained little or none of the substances antagonistic to sulfonamide. The compounds studied included 1,4-diaminobenzene, phenyl sulfone, nitrobenzene acid, and several compounds related to these. Parallelism between *in vivo* and *in vitro* actions is only partial. Especially with 1,4-diaminobenzene phenyl sulfone is the *in vitro* action much stronger than its effect on infected mice.

Julian H. Lewis

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

CLASS	SUBCLASS	SECTION	SERIAL	DATE	REMARKS
1	1	1	1	1	1
2	2	2	2	2	2
3	3	3	3	3	3
4	4	4	4	4	4
5	5	5	5	5	5
6	6	6	6	6	6
7	7	7	7	7	7
8	8	8	8	8	8
9	9	9	9	9	9
10	10	10	10	10	10
11	11	11	11	11	11
12	12	12	12	12	12
13	13	13	13	13	13
14	14	14	14	14	14
15	15	15	15	15	15
16	16	16	16	16	16
17	17	17	17	17	17
18	18	18	18	18	18
19	19	19	19	19	19
20	20	20	20	20	20
21	21	21	21	21	21
22	22	22	22	22	22
23	23	23	23	23	23
24	24	24	24	24	24
25	25	25	25	25	25
26	26	26	26	26	26
27	27	27	27	27	27
28	28	28	28	28	28
29	29	29	29	29	29
30	30	30	30	30	30
31	31	31	31	31	31
32	32	32	32	32	32
33	33	33	33	33	33
34	34	34	34	34	34
35	35	35	35	35	35
36	36	36	36	36	36
37	37	37	37	37	37
38	38	38	38	38	38
39	39	39	39	39	39
40	40	40	40	40	40
41	41	41	41	41	41
42	42	42	42	42	42
43	43	43	43	43	43
44	44	44	44	44	44
45	45	45	45	45	45
46	46	46	46	46	46
47	47	47	47	47	47
48	48	48	48	48	48
49	49	49	49	49	49
50	50	50	50	50	50
51	51	51	51	51	51
52	52	52	52	52	52
53	53	53	53	53	53
54	54	54	54	54	54
55	55	55	55	55	55
56	56	56	56	56	56
57	57	57	57	57	57
58	58	58	58	58	58
59	59	59	59	59	59
60	60	60	60	60	60
61	61	61	61	61	61
62	62	62	62	62	62
63	63	63	63	63	63
64	64	64	64	64	64
65	65	65	65	65	65
66	66	66	66	66	66
67	67	67	67	67	67
68	68	68	68	68	68
69	69	69	69	69	69
70	70	70	70	70	70
71	71	71	71	71	71
72	72	72	72	72	72
73	73	73	73	73	73
74	74	74	74	74	74
75	75	75	75	75	75
76	76	76	76	76	76
77	77	77	77	77	77
78	78	78	78	78	78
79	79	79	79	79	79
80	80	80	80	80	80
81	81	81	81	81	81
82	82	82	82	82	82
83	83	83	83	83	83
84	84	84	84	84	84
85	85	85	85	85	85
86	86	86	86	86	86
87	87	87	87	87	87
88	88	88	88	88	88
89	89	89	89	89	89
90	90	90	90	90	90
91	91	91	91	91	91
92	92	92	92	92	92
93	93	93	93	93	93
94	94	94	94	94	94
95	95	95	95	95	95
96	96	96	96	96	96
97	97	97	97	97	97
98	98	98	98	98	98
99	99	99	99	99	99
100	100	100	100	100	100

117 AND 120 GROUPS		PROCESS AND PROPERTIES INDEX		119 AND 121 GROUPS	
<p><i>ca</i></p> <p>The biological significance of synthesis of sulfonic acid analogs of pimelic acid. G. Ivanovics and L. Vargha (Horty Miklós Univ. Szeged, Hungary). <i>Z. physiol. Chem.</i> 281, 150-62 (1944).--Expts. to det. the function of pimelic acid (I) in the growth of certain bacteria by employing sulfonic acid analogs of I as competitive inhibitors are described. 1,5-Pentanedisulfonic acid, 1,5-pentanedisulfonamide, α-sulfocaproic acid (II), and α-sulfamylcaproic acid (III) were used and found to be inactive as inhibitors. The synthesis of II and III is described: 9 g. α-bromocaproic acid (IV) refluxed with 8 g. KHS and 80 cc. H_2O 2 hrs., cooling, addn. of H_2SO_4, and extn. with ether give 80% α-mercaptocaproic acid (V), b.p. 155-7°. Satn. with Cl of 7 g. V in 70 cc. glacial AcOH at 15°, standing 3 hrs., removal of the AcOH <i>in vacuo</i>, and crystn. from petr. ether gives 80% α-(chlorosulfonyl)caproic acid (VI), m. 58°. VI refluxed with H_2O 2 hrs. and dried gives II as an oil which is converted to the di-Na salt, insol. in EtOH. VI added slowly to ice-cold concd. NH_4OH, drying, and crystn. from acetone-$CHCl_3$ gives 85% III, m. 105°. Na salt of III, sparingly sol. in 95% EtOH, does not m. 205°. Cl satn. of V or water sus-</p>		<p>10</p> <p>pension of V, filtration of the product, and recrystn. from hot H_2O gives 75% $[SCH_2(CH_2)_4CO_2H]_2$, m. 81°. Equimol. aints. of IV and $CS(NH_2)_2$, heated 3 hrs. in $AmOH$ at 140-50°, cooling, distn. of the solvent, soln. of the residue in H_2O, neutralization with $NaOH$, soln. of the filtered ppt. in dil. HCl, drying, and crystn. from EtOH-ether give 65% α-thiourelapic acid-HCl, m. 106°. Addn. of VI to cooled aq. Me_3NH, addn. of HCl, concn., and recrystn. from benzene give α-(dimethylsulfamyl)caproic acid, m. 94°. 1,5-Pentanedisulfonyl chloride treated with Me_3NH as above gives N,N',N''-tetramethyl-1,5-pentanedisulfonamide, m. 80°. The bacteriol. expts. are described.</p> <p>Karl F. Urbach</p>		<p>119 AND 121 GROUPS</p>	
<p>ASS-55A METALLURGICAL LITERATURE CLASSIFICATION</p>					
<p>FROM SYNOPTIC</p>		<p>FROM SUMMARY</p>		<p>FROM FULL TEXT</p>	
<p>117 AND 120 GROUPS</p>		<p>119 AND 121 GROUPS</p>		<p>122 AND 123 GROUPS</p>	

11-H

The antirheumatic, sodium salicylate. György Iványi (Univ. Szeged, Hung.). *Chronic Lupin Nephritis*. *ibid.* 2, 1537 (1944). The specific bacteriostatic effect of salicylic acid is based on its impeding influence on the synthesis of pantothenic acid within bacterial cells. The synthesis of pantothenic acids, salicylamide, thio- β - and m -hydroxybenzoic acids, salicylamide, thio-salicylic acid, and o -phthalic acid show no such impeding effects. Salts of salicylic acid have no direct effect on the probable causes of rheumatism. *Streptococcus haemolyticus*. István Pinály

11-C

CA

Isolation and properties of raphanin, an antibacterial substance from radish seed. G. Ivanovics and S. Horváth (Univ. Szeged, Hungary). *Proc. Soc. Exptl. Biol. Med.* 66, 825-30(1947). See *C.I.* 41, 7145a. L. R. Gilson

ASB-51A METALLURGICAL LITERATURE CLASSIFICATION

OPEN MATERIALS INDEX

CONCH ELEMENTS

PERIODIC TABLE

INDEX

110

CA

Raphanin, an antibacterial principle of the radish.
 (Geo. Ivánovics and Stephan Horváth (Univ. Szeged, Hungary). *Nature* 160, 207-8(1947). Aq. exts. of radish seeds, when added to plates contg. *Staphylococcus* and *Bact. coli*, gave a very marked zone of inhibition in both cases, while exts. of radish roots and leaves did not affect the growth of the bacteria. This antibacterial principle was isolated as a liquid from the aq. ext. of radish seeds and named raphanin. It is heat-resistant; b. p. 135°; yield is 3 g. per kg. of seeds. It is freely sol. in water, ethanol, butanol, butyl acetate, amyl acetate, and HCOH; moderately sol. in ether, and slightly sol. in petr. ether. Formulas: $C_{11}H_{15}NO_5$ and $C_{11}H_{15}NO_5$. It is neutral. [α]_D²⁰ in ethanol -141°; it is stable between pH 3 and 8. It was crystal. by shaking with 0.1 N baryta and neutralizing with H₂SO₄; recrystd. from ethanol and then from water. This crystal. substance had m.p. 102.5° at decompn.; formula $C_{11}H_{15}NO_5$. A 1 mg. per ml. soln. of raphanin gave a zone of inhibition with various bacteria. Raphanin is highly active in preventing the germination of various plant seeds and in hindering the growth of tissue culture from rabbit testicle. It is moderately toxic to mice and to isolated frog heart. Dorothy A. Meyer

ASD SLA METALLURGICAL LITERATURE CLASSIFICATION

CA

The specificity of the antibacterial action of sodium salicylate. G. Ivánovics (Univ., Szeged, Hungary). *Schweiz. Z. Path. u. Bakt.* 11, 84-88 (1948) (in German). *J. C. A.* 38, 3307. A reply to Markers (C. A. 40, 737^{AB}). The antagonism of Na salicylate toward penicillins is analogous to the effect of sulfonamides on p-SH-C₆H₄-C₆H₅. H. K. Livingston

ASAC:LLA METALLURGICAL LITERATURE CLASSIFICATION

CM

The antibacterial substance of radish seeds. István Koczka and György Iványics. *Acta Univ. Szeged, Chem. et Phys.* 2, 205-6(1949)(in German).—Raphanine described in an earlier paper (C.A. 41, 7445i) seems to be identical to "sulforaphen" mentioned lately by Schmid and Karrer (C.A. 42, 7240g). 1. Finally

IVANOVICH, O. 1949

(Inst. of Gen Path. & Bact. U. of Szeged)

"Antagonism Between Effects of P-Aminosalicylic Acid and Salicylic Acid on Growth of M. Tuberculosis."

Proc. So. Exp. Biol. & Med. 1949 70/3(462-463)
Abst: Exc. Med. IV, Vol. 11, No. 11, p, 1105

CA

The effect of *p*-aminosalicylic acid on tubercle bacilli. György Ivánovics. *Orvosi Hetilap* 90, 29-32 (1949); cf. C.A. 43, 6079c.—The tuberculostatic effect of *p*-aminosalicylic acid (I) in Dubos culture medium seemed to be nearly equal to that of streptomycin. The effect of its derivs. and similar compds. was much lower. One mol. I counteracted the effect of 3-4 mols. *p*-aminobenzoic acid. Sodium salicylate (II) in $1/1000$ M concn. impeded the tuberculostatic effect of I although both agents alone were actively tuberculostatic. Pantothenic acid did not influence the slight tuberculostatic effect of II. The sensitivity of streptomycin resistant tubercle bacteria, was also unchanged towards I. István Fialdy

KOCH, S.; PINTER, M.; IVANOVICS, G.

Etiologic and epidemic significance of lymphocytic choriomeningitis virus in Hungary. Orv. hetil. 91 no.28:865-871 9 July 50.

(CJML 20:7)

1. Institute of Pathology and Microbiology, Szeged University
(Director of Institute--Dr. Gyorgy Ivanovics).

IVANGVICS, Gy. 1951

(Path. Inst. U. of Szeged)

"A Physical Method of Demonstration of Virus Proliferation."

Acta Physiol. (Budapest), 1951 2/1 suppl. (57-58)
No abst. in Exc. Med.

HORVATH, I.; SZOLLOS, E.; IVANOVICS, G.

Distribution of the receptor substance of the influenza and related viruses in the tissue-elements of different animal species. I. The virus adsorbing capacity and agglutinability of the erythrocytes of various vertebrates. Acta physiol.hung. 2 no.1:77-86 1951. (CINL 20:9)

1. Of the Institute of Pathology and Microbiology of Szeged University.

KOCH, A.; HORVATH, S.; IVANOVICS, G.

An attempt to detect the virus infection of the chick embryo by
registrating the refractive power of the allantoic fluid. Acta physiol.
hung. 2 no.3-4:525-531 1951. (CJML 22:1)

1. Of the Institute of Pathology and Microbiology of Szeged University.

KOCZKA, I.; RAVNAY, M.; IVANOVICS, G.

Chemotherapy of tuberculosis. Orv. hetil. 92 no.16:498-502 22 Apr 1951.
(GMLL 24:5)

1. Doctor for Koczka and Ivanovics. 2. Institute of Pathology and Microbiology (Director -- Prof. Dr. Gyorgy Ivanovich), Szeged University.

IVANOVICS, G.

Laboratory diagnosis of virus diseases. Orv. hetil. 92 no.19:606-611
13 May 1951. (CINL 24:2)

1. Prof. Doctor.

IVANOVICS, G.;KOCZKA, S.

Relationship between antibacterial effect of mesohematin and bacterial cell structure. Acta physiol. hung. 3 no.2:441-457 1952. (CML 24:3)

1. Of the Institute of Pathology and of the Institute of Microbiology, Szeged University.

IVANOVICS, G.

~~Source of information~~
The mode of action of antituberculosis therapeutics. Orv. hetil.
93 no. 13:378-381 30 Mar 1952. (CML 23:3)

1. Doctor.

IVANOVICS, G.; PINTER, M.

The first proved Coxsackie virus infection in Hungary. Orv. hetil.
93 no.51:1452-1455 21 Dec 1952. (GLML 24:2)

1. Doctors. 2. Microbiology Institute (Director -- Prof. Dr. Gyorgy
Ivanovics), Szeged Medical University.

IVANOVICS, G.; HORVATH, S.

The structure of the capsule of *B. megatherium*. *Acta physiol. hung.*
4 no.1-2:175-186 1953. (CML 25:1)

1. Of the Institute of Microbiology of Szeged University.

IVANOVICS, G.;PINTER, M.

Coxsackie virus infection in Hungary. Acta med. hung. 4 no.2:157-161
1953. (CIML 25:1)

1. Of the Institute of Microbiology of Szeged University.

"APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619230012-7

APPROVED FOR RELEASE: 08/10/2001

CIA-RDP86-00513R000619230012-7"

Chemical Abstracts
Vol. 48 No. 5
Mar. 10, 1954
Biological Chemistry

Chemical structure of the capsule of *Bacillus anthracis* and *Bacillus megatherium*. L. O. Iránovics and L. Horváth, (Med. Univ., Szeged). *Acta Physiol. Acad. Sci. Hung.* 6, 401-8 (1953) (in English); cf. *C.A.* 47, 8819c. — The —COOH groups of the D-glutamic acid polypeptide which forms the capsule of *B. anthracis* and *B. megatherium* are not free if one judges by the staining reactions of the capsular material.
M. G. Horowitz